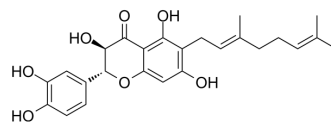


Diplacol

Cat. No.:	HY-N12494
CAS No.:	76556-05-3
Molecular Formula:	C ₂₅ H ₂₈ O ₇
Molecular Weight:	440.49
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Diplacol is a geranylated flavanone that can be isolated from paulownia trees (*Paulownia coreana* UYEKI). Diplacol has anti-inflammatory activity. Diplacol inhibits NO production in LPS-stimulated Raw264.7 cells with an IC₅₀ value of 4.53 μM^[1].

REFERENCES

[1]. Jin Q, et al. Geranylated flavanones from *Paulownia coreana* and their inhibitory effects on nitric oxide production. *Chem Pharm Bull (Tokyo)*. 2015;63(5):384-7.

Caution: Product has not been fully validated for medical applications. For research use only.

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